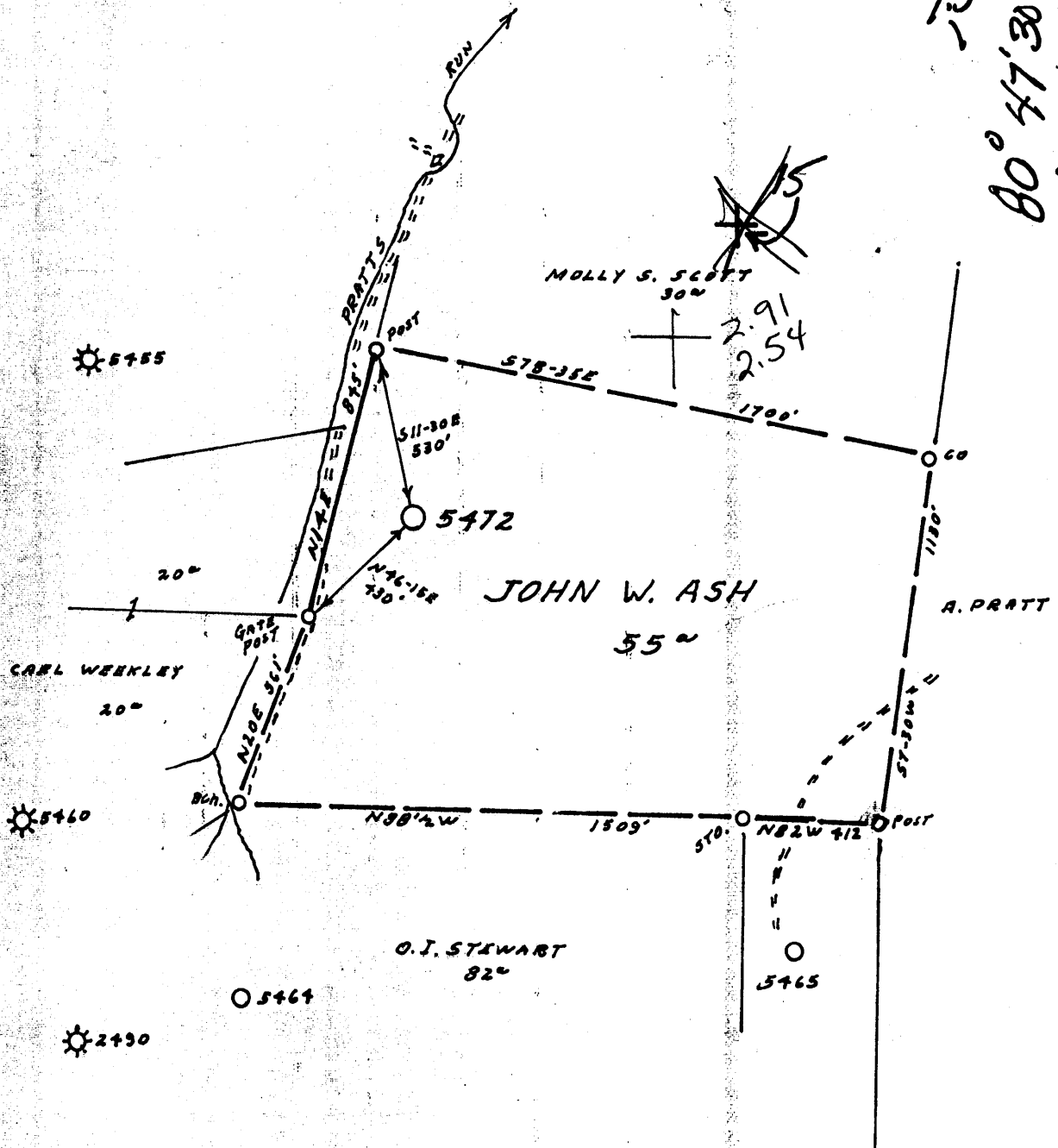


Jamie 6/3/89

Latitude 39° 35'

25
1520
39° 32' 30"
7.5
75
80° 47' 30"
0.03
30

Longitude 80° 45'



- Rework -
- Fracture...
 - Redrill...
 - New Location...
 - Drill Deeper...
 - Abandonment...

FORMERLY WELL NO 2428
 Source of Elevation ROAD FMS. ELEV. 822' U.S. G.S.
 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 accuracy, one part in 200

Company Equitrans, Inc. 4468
 Address 4955 Steubenville Pike, Pitts, PA. 15205
 Farm JOHN W. ASH
 Tract _____ Acres 55 Lease No. 26153
 Well (Farm) No. _____ Serial No. 5472
 Elevation (Spirit Level) 1012'
 Quadrangle WEST UNION SE 2-15/West Union 7.5 47.095
 County TYLER District McELROY 5
 Engineer R. A. McWilliams
 Engineer's Registration No. 105 L.L.S.
 File No. 222/38 Drawing No. _____
 Date 9-7-72 Scale 1" = 500'

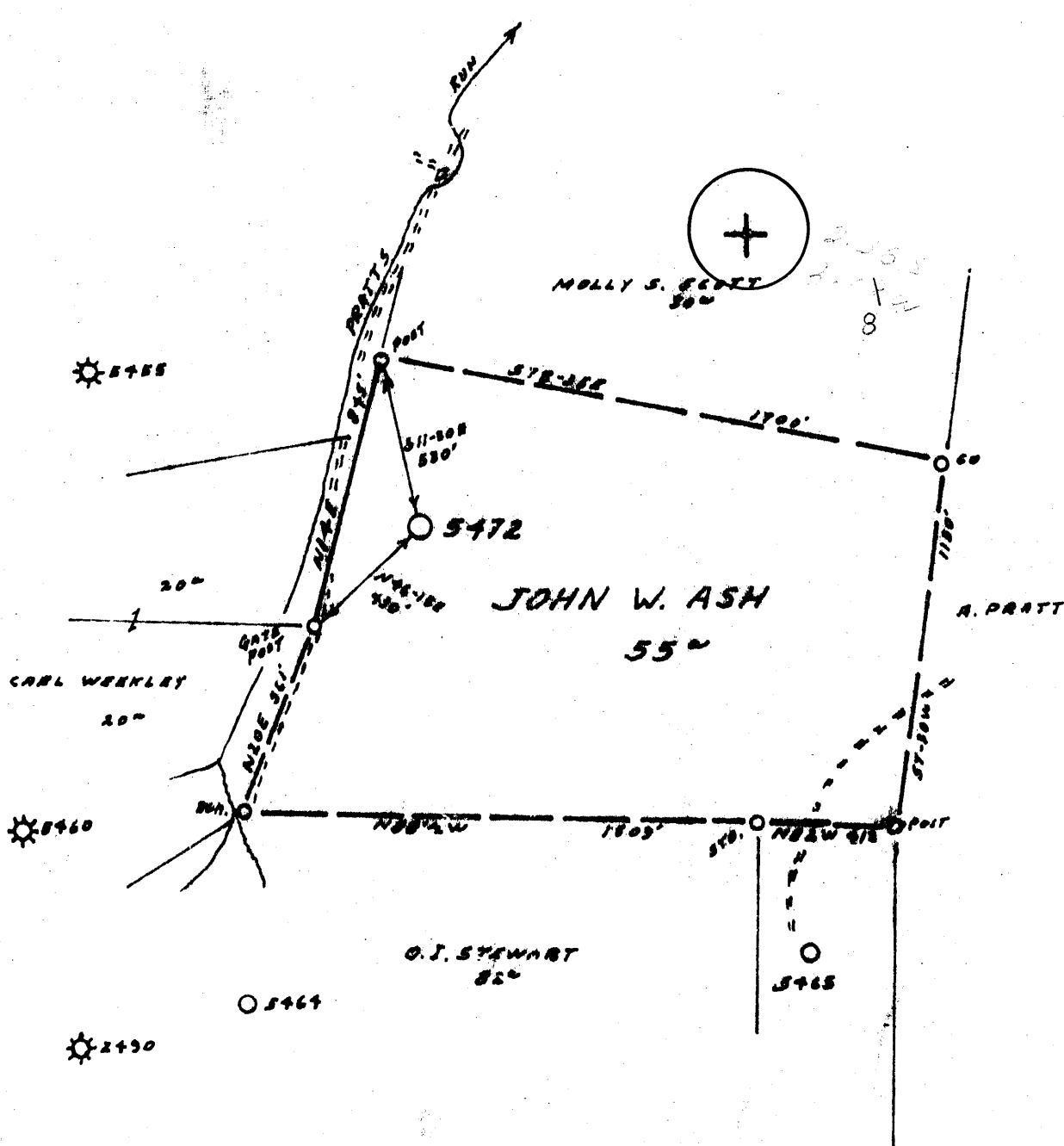
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

671 WELL LOCATION MAP
 1339 FILE NO. Jul-448-Red. Rework
 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.
 JUN 16 1989
 — Denotes one inch spaces on border line of original tracing.

OWWO 9-0 Wilbur (092)

Latitude 33° 25'

Longitude 80° 45'



FORMERLY WELL NO 2420

Source of Elevation ROAD P.M.S. BY R.S. U.S.G.S.
 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 2 of the rules and regulations of the oil and gas commission or the mining laws of West Virginia.

- Fracture.....
- Redrill.....
- New Location.
- Drill Deeper.....
- Abandonment.....

Company	EQUITABLE GAS CO. WVA. DIV.		
Address	PITTSBURGH, PA. 15213		
Farm	JOHN W. ASH		
Tract	Acres	Lease No	26153
Well (Farm) No.	Serial No. 5472		
Elevation (Spirit Level)	1012'		
Quadrangle	WEST UNION 24 EL		
County	TYLER District M'ELROY		
Engineer	R. A. McMillan		
Engineer's Registration No.	105 L.L.S.		
File No.	222/38	Drawing No.	
Date	9-7-72	Scale	1" = 500'

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

WELL LOCATION MAP
 FILE NO. 448-Red. W

+ 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.

nuwo 9-0 Wilbur (92)

SEP 25 1972

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

JAN 11 1990
DIVISION OF OIL AND GAS
DEPARTMENT OF ENERGY

Well Operator's Report of Well Work

Farm name: ASH, JOHN A. Operator Well No.: 5472

LOCATION: Elevation: 1012.00 Quadrangle: SHIRLEY

District: MCELROY County: TYLER
Latitude: Feet South of Deg. Min. Sec.
Longitude: Feet West of Deg. Min. Sec.

Company: EQUITRANS, INC.
4955 STEUBENVILLE PIKE
PITTSBURGH, PA 15205-4955

Agent: GARY A. HOY, DIVISION MGR.

Inspector: GLEN P. ROBINSON
Permit Issued: 06/08/89
Well work Commenced: 06/14/89
Well work Completed: 08/04/89
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig _____
Total Depth (feet) 2124'
Fresh water depths (ft) _____

Salt water depths (ft) _____

Is coal being mined in area (Y/N)? _____
Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
10"	181'	181'	120 Sx To Surface
8 5/8"	1052'	1052'	750 Sx To Surface
5 1/2"	1924'	1924'	210 Sx To 800'
3 1/2"	2120'	2120'	86 Ft ³

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth (ft) 1963'
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: EQUITRANS INC.

By: [Signature] PRESIDENT
Date: _____

JAN 16 1990

FORMATION	TOP FEET	BOTTOM FEET	REMARKS
Pittsburgh Coal	630	632	
Gas Sand	1124	1178	
Salt Sand	1268	1714	
Maxton	1733	1778	
Little Lime	1831	1852	
Big Lime	1864	1924	
Big Injun	1928	2086	
TD:		2124	

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JAN 11 1990

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Perforated Interval:
1963' to 1973'



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

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JUL 27 1973
OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Rotary XX Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage XX _____
Disposal _____ (Kind)

Quadrangle West Union SE 2.1

Permit No. TYL-448-RED

Company <u>Equitable Gas Co. 15219</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>420 Blvd. of the Allies, Pgh. Pa.</u>				
Farm <u>John W. Ash</u> Acres <u>55</u>	Size			
Location (waters) <u>Pratt Run</u>	20-16			
Well No. <u>5472</u> Elev. <u>1012</u>	Cond.			
District <u>McElroy</u> County <u>Tyler</u>	18 -10"	181	181	120 sks. to su
The surface of tract is owned in fee by _____	9 5/8			
<u>John W. Ash</u>	8 5/8	1052	1052	750 sks. to sur
Address <u>Rt. 1, Jacksonburg, W. Va. 26377</u>	7			
Mineral rights are owned by <u>Same as surface</u>	5 1/2	1924	1924	210 sks. to 800
Address _____	4 1/2			gel to surface
Re-Drilling Commenced <u>11-1-72</u>	3			
Re-Drilling Completed <u>7-19-73</u>	2			
Initial open flow _____ cu. ft. _____ bbls.	Liners Used			
Final production _____ cu. ft. per day _____ bbls.				
Well open _____ hrs. before test _____ RP.				

Well treatment details:

Attach copy of cementing record.

Coal was encountered at 630-632 Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Big Injun Storage Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Pittsburgh Coal			630	632		Driller Est.
Gas Sand			1124	1178		
Salt Sand			1268	1714		
Maxton Sand			1733	1778		
Little Lime			1831	1852		
Big Lime			1864	1924		1864
Big Injun Sand			1928	2086		1012
Weir Sand			2236	2330		852
Gantz Sand			2434	2448		
50' Sand			2450	2491		
Redrilled to				2648		
Cement Plug Back to				1950		
Completed Total Depth				1950		
Note: Gamma Ray Survey from surface to			2647			

(over)

* Indicates Electric Log tops in the remarks section.

1

095-0448 Permit
Issued 6/8/89 Expires 6/8/91

FORM WW-2B

Page 1 of 1

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

670

- 1) Well Operator: Equitrans, Inc. 16160 5 ~~406~~
- 2) Operator's Well Number: 5472 3) Elevation: 1013.13
- 4) Well type: (a) Oil / or Gas X /
(b) If Gas: Production / Underground Storage X ✓
Deep / Shallow
- 5) Proposed Target Formation(s): Big Injun 311
- 6) Proposed Total Depth: 2100 feet
- 7) Approximate fresh water strata depths: NA
- 8) Approximate salt water depths: NA
- 9) Approximate coal seam depths: NA
- 10) Does land contain coal seams tributary to active mine? Yes / No X
- 11) Proposed Well Work: Redrill approximately 150' of cemented well bore and 3/4" cement approximately 2100' of new 3 1/2" tubing.
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
<i>Drill 5/11/89</i> Conductor	10"	Existing		181'	181'	120 SACKS surface
Fresh Water						
Coal	8-5/8"	Existing		1052'	1052'	750 SACKS to surface
Intermediate						
Production	5-1/2"	Existing		1924'	1924'	210' slbs. 900'
Tubing	<u>3 1/2</u>	<u>?</u>	<u>?</u>	<u>2100'</u>	<u>2100'</u>	<u>300 S218-11.1</u>
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

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MAY 22 1989

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Flat WW-9 WW-2B Bond Blanket sure Agent
 (Type)

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MAY 22 1989

Page 1 of 2
Form WW2-A
(09/87)
File Copy

2) Operator's well number
DIVISION OF OIL & GAS 5472
DEPARTMENT OF ENERGY Well No: 47 - 095 - 0448 - Rowort
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
- (a) Name John A. Ash
Address Rt. 1
Jacksonburg, WV 26377
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
- Name _____
Address _____
 - (b) Coal Owner(s) with Declaration
Name Phyllis Padilla
Address Rt. 1
Tangler, IN 47985
 - Name _____
Address _____
- 6) Inspector Glen P. Robinson
Address Rt. 1, #6 Mt. Pleasant East
Mineralwells, WV 26150
Telephone (304)- 489-9162
- (c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- X Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Equitrans, Inc.
By: [Signature]
Its: President
Address 4955 Steubenville Pike
Pittsburgh, PA 15205
Telephone (412) 788-6066

Subscribed and sworn before me this 20th day of April, 19 89

My commission expires _____

NOTARY PUBLIC
ARLENE M. CUBAROVIC, NOTARY PUBLIC
ROBINSON TWP., ALLEGHENY COUNTY
MY COMMISSION EXPIRES SEPT. 7, 1992

Notary Public



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
SEP 15 1972

Oil and Gas Division OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner John W. Ash
Address Route 1, Jacksonburg, W.Va. 26377
Mineral Owner Same as Surface Owner
Address _____
Coal Owner Phyllis Padilla
Address Route 1, Tangier, Ind. 47985
Coal Operator _____
Address _____

DATE Sept. 11, 1972
Company Equitable Gas
Address Pittsburgh, Pa. 15219
Farm John W. Ash Acres 55
Location (waters) Pratts Run
Well No. 5472 Elevation 1012
District McElroy County Tyler
Quadrangle West Union SE 2.1

7 M. Arthur
INSPECTOR TO BE NOTIFIED Mull
Box 296
Hundred, W. Va. 26575 PH: 775-5611

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 Redrilling. This permit shall expire if
operations have not commenced by 1-15-73.
Robert L. [Signature]
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 Feb. 25 1972 by John W. Ash et al made to Equitable Gas Co. and recorded on the 27th day of Mar. 1972, in Tyler County, Book 192 Page 80
NEW WELL DRILL DEEPER XX 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.

Very truly yours, S. M. Linger
(Sign Name) Equitable Gas Co.
Well Operator
420 Blvd. of the Allies
Street
Pittsburgh
City or Town
Pa., 15219
State

Address
of
Well Operator

*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

1972-448-Red PERMIT NUMBER
[Signature]

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

PROPOSED WORK ORDER TO X RE DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME H. E. Gardner, Div. Supt.
 ADDRESS _____ ADDRESS Box 1550, Clarksburg, W. Va. 26301
 TELEPHONE _____ TELEPHONE (304) 624-6576
 ESTIMATED DEPTH OF COMPLETED WELL: 1980 ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 TYPE OF WELL: OIL _____ GAS _____ COMB. _____ STORAGE XX 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			
<u>1X</u> - 10	185	185	Cem. to surface
9 - 5/8			
8 - 5/8	1130	1130	Cem. to surface
7	1911	1911	Cem. to surface
5 1/2	1937	1937	Cem. to 1711
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS No mineable coal
 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